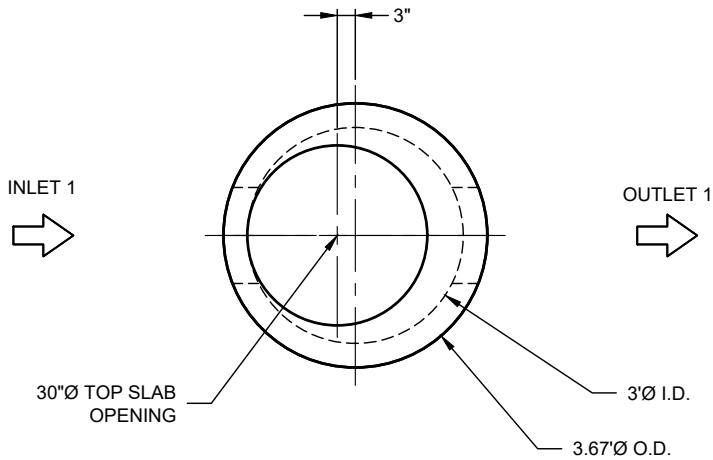
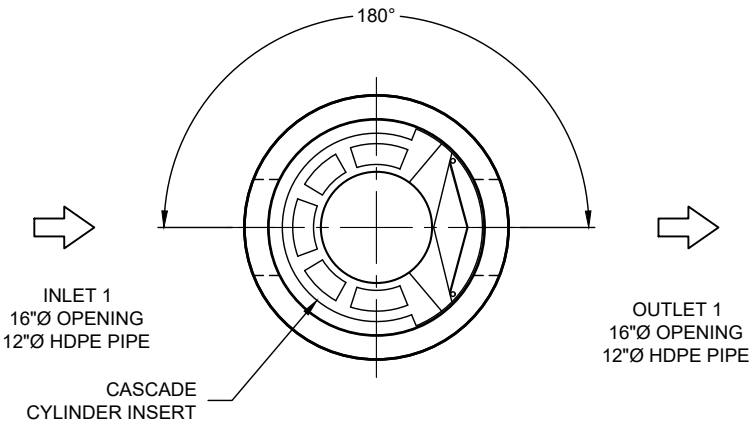


26-3091 907597 Ives Field Rec Enhance



PLAN VIEW
INTERNALS NOT SHOWN



PLAN VIEW FOR PIPE ORIENTATION
TOP SLAB NOT SHOWN

MATERIAL LIST

COUNT	DESCRIPTION	PART NUMBER	PROVIDED BY	INSTALLED BY
1	CS-3 CYLINDER INSERT, STD.	325-004190	CONTECH	PRECASTER
3	CS-3 ALUMINUM INSTALLATION BRACKETS	325-003956	CONTECH	PRECASTER
1	CS-3 HARDWARE KIT	325-003955	CONTECH	PRECASTER
1	CS-3 FIBERGLASS CYLINDER EXTENSION, 1 FT.	325-004134	CONTECH	CONTRACTOR
1	SEALANT FOR JOINTS		PRECASTER	CONTRACTOR
1	30"Ø X 4" FRAME AND COVER, EJ #41600483, OR EQUIV.	325-000332	CONTECH	CONTRACTOR

GENERAL NOTES

1. DESIGN LOADING - AASHTO HS-20
2. ALL PRECAST CONCRETE MANUFACTURED PARTS SHALL CONFORM TO ASTM C-478, WITH MINIMUM CONCRETE STRENGTH OF 4000 PSI AT 28 DAYS
3. JOINT SEALANT SHALL CONFORM TO ASTM C-990 OR ASTM C-443
4. GROUND WATER ELEVATION ASSUMED AT OUTLET INVERT
5. MANUFACTURING TOLERANCE = +/- 1/2-INCH
6. SOME HIDDEN LINES MAY BE OMITTED FOR CLARITY

INSTALLATION NOTES

- A. PRECASTER TO SHIP ACCESS CASTINGS WITH STRUCTURE
- B. REFER TO CONTECH ASSEMBLY INSTRUCTIONS FOR ADDITIONAL INFORMATION.
- C. PRECASTER TO INSTALL INTERNAL COMPONENTS PRIOR TO SHIPPING UNLESS INSTRUCTED OTHERWISE BY CONTECH
- D. PIPE OPENINGS SHALL BE STENCILED "INLET" OR "OUTLET" AS APPROPRIATE
- E. APPLYING ALIGNMENT MARKS ON ALL PIECES OF MULTIPLE PIECE ASSEMBLIES IS ENCOURAGED
- F. IF STRUCTURE IS DELIVERED IN MULTIPLE SECTIONS, EACH PIECE SHALL BE LABELED WITH THE CONTECH PROJECT NUMBER, SEQUENCE NUMBER AND SITE DESIGNATION

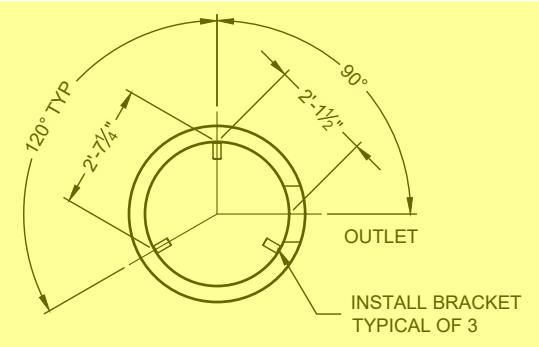
SITE INFORMATION

RIM ELEV. = 639.8+/-
TOP OF STRUCTURE = 638.45
INLET PIPE 1 INVERT ELEV. = 633.82
INLET PIPE 1 DIAMETER AND MATERIAL = 12"Ø HDPE
OUTLET PIPE INVERT ELEV. = 633.82
OUTLET PIPE DIAMETER AND MATERIAL = 12"Ø HDPE
OUTSIDE BOTTOM OF STRUCTURE ELEV. = 630.15

STRUCTURE WEIGHT

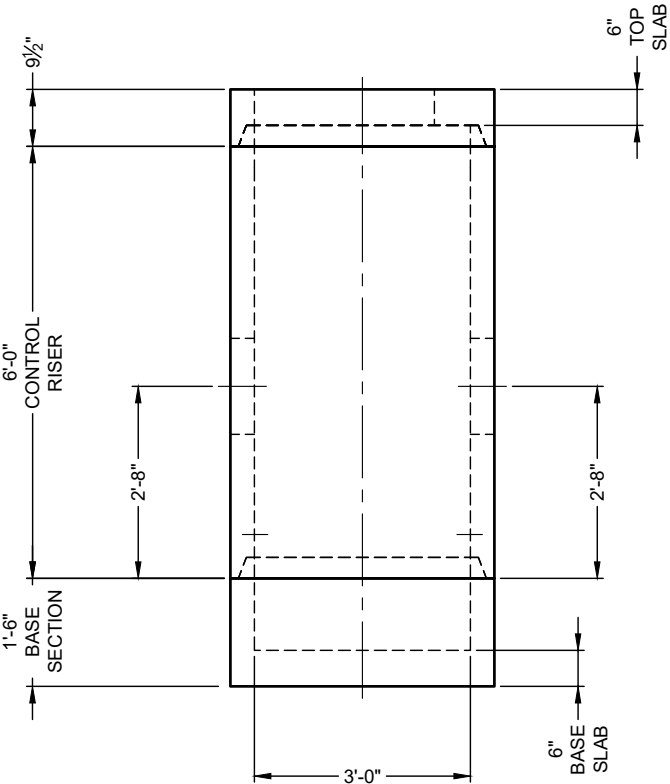
APPROXIMATE HEAVIEST PICK = 3500 LBS.
STRUCTURE IS DELIVERED IN 3 PIECES

TOP SLAB = 1000 LBS.
CONTROL RISER = 3500 LBS.
BASE SECTION = 1500 LBS.

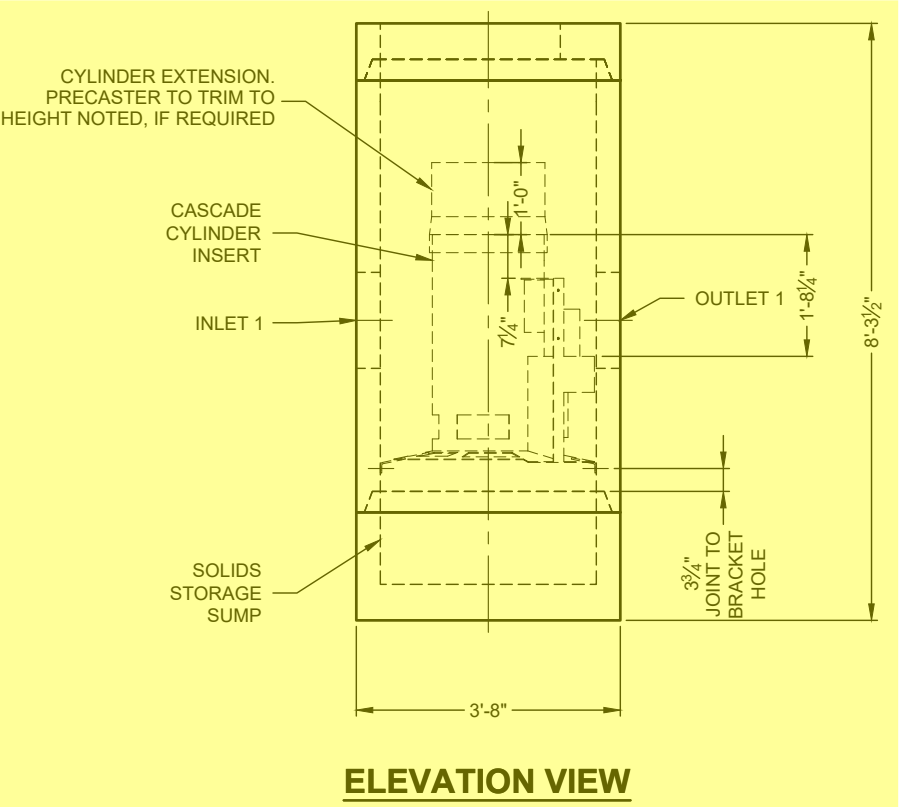


SUPPORT BRACKET LAYOUT PLAN VIEW

SEE INSTALLATION NOTE A



PRECAST COMPONENTS
INTERNALS NOT SHOWN



ELEVATION VIEW

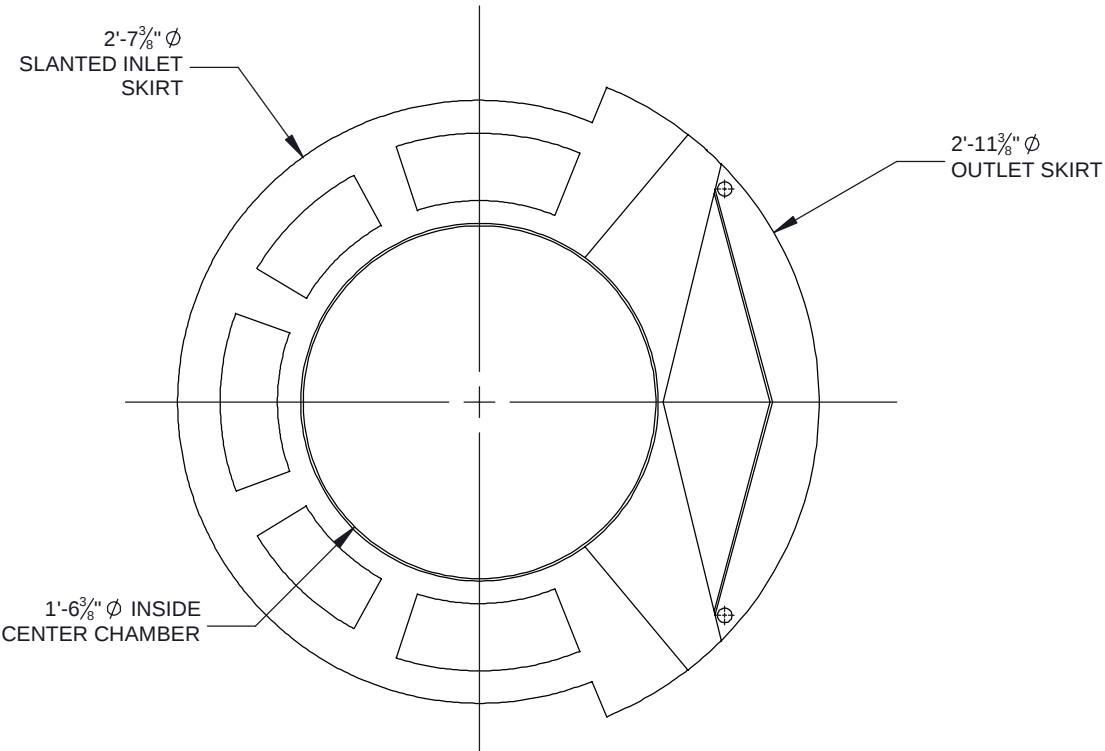
ICAST
5888 / 757440
LAYOUT 1A
2.45TS

CONTECH
FABRICATION
DRAWING

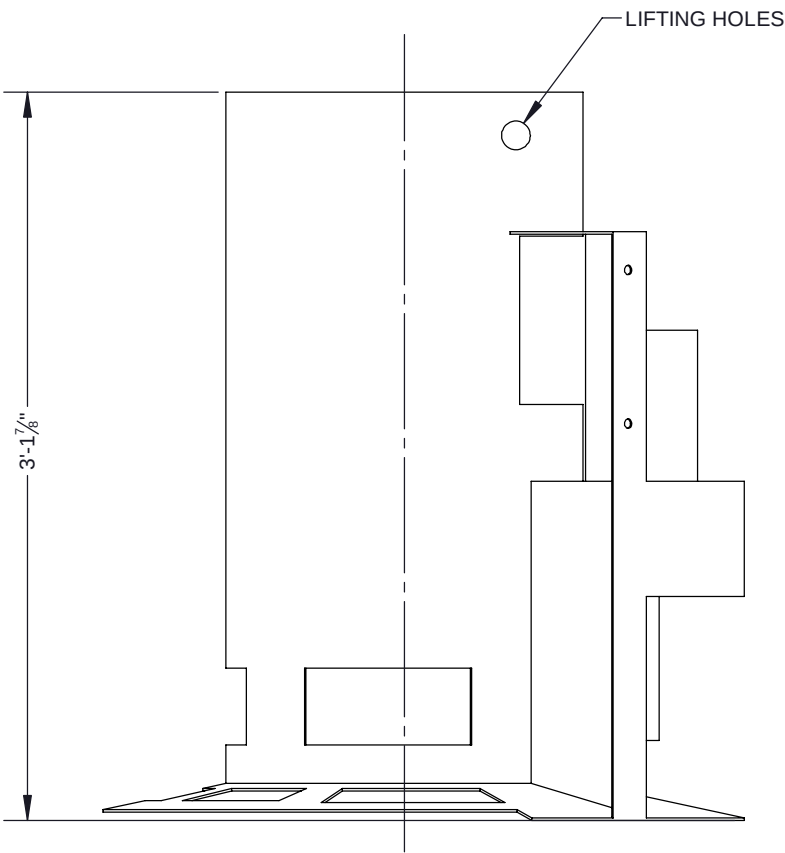
CS-3 - 907597-10
IVES FIELD RECREATIONAL
ENHANCEMENTS
HIGHLAND PARK, MI
SITE DESIGNATION: ST-100A

CONTECH
ENGINEERED SOLUTIONS LLC
A CONTECH COMPANY
910 Centre Pointe Dr., Suite 400, West Chester, OH 45069
800-338-1122 513-645-7000 513-645-7893 FAX
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FOR PATENT INFORMATION, GO TO www.conteches.com/FP

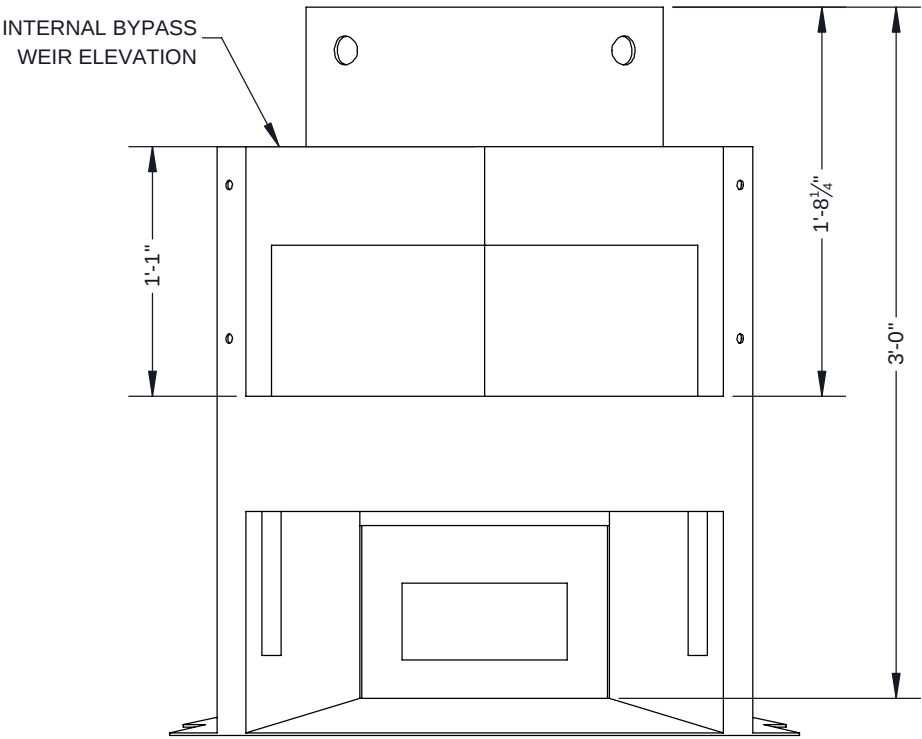
DATE:	6/25/26
DESIGNED:	MSB
DRAWN:	MSB
CHECKED:	LJK
APPROVED:	MSB
PROJECT No.:	907597
SEQUENCE No.:	10
SHEET:	1 OF 1



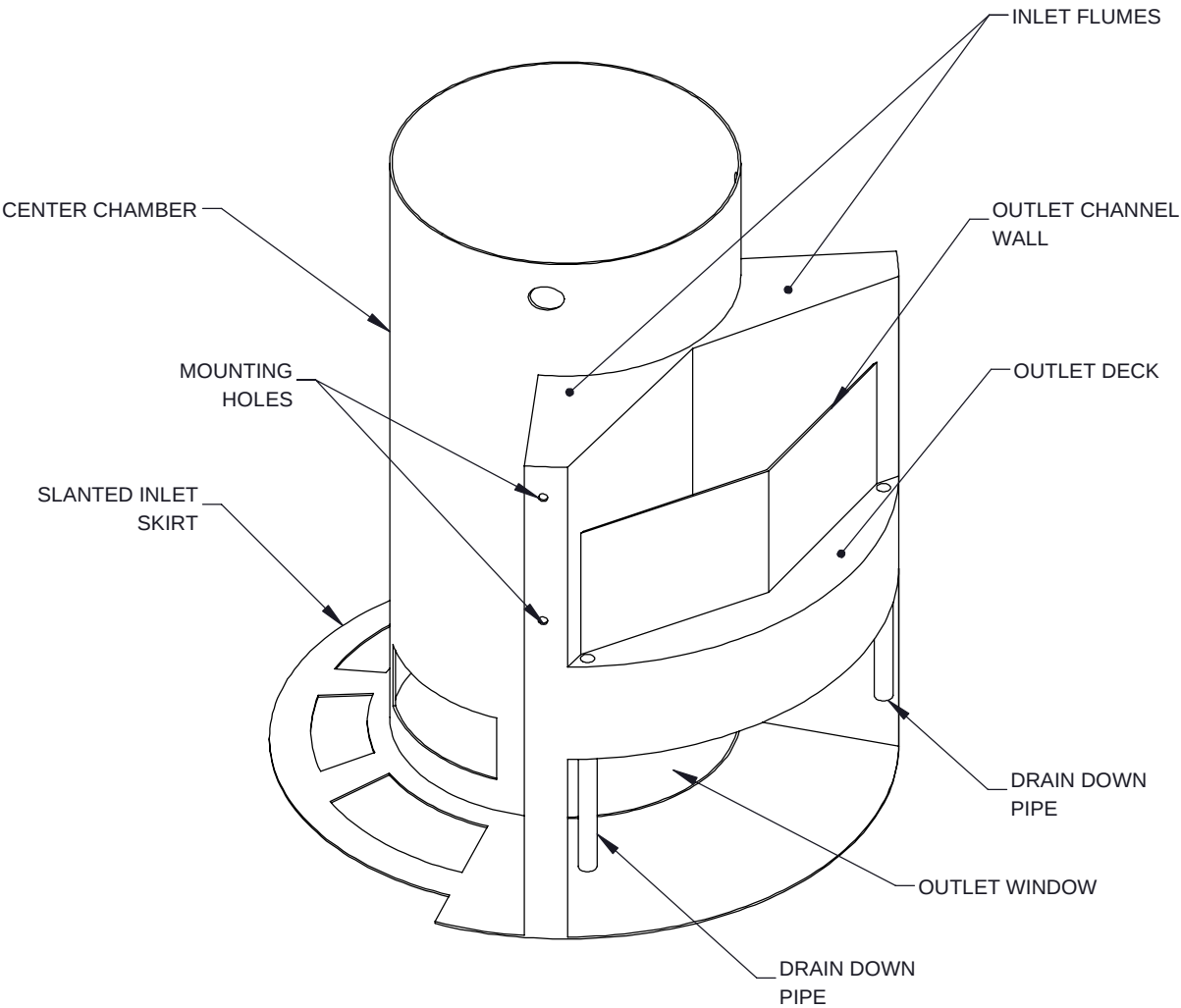
PLAN VIEW



ELEVATION VIEW



ELEVATION VIEW: OUTLET SIDE



ISOMETRIC VIEW

- NOTES:
1. SEE CASCADE SEPARATOR INSTALLATION GUIDE FOR ADDITIONAL INFORMATION

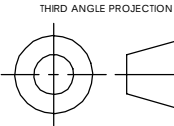
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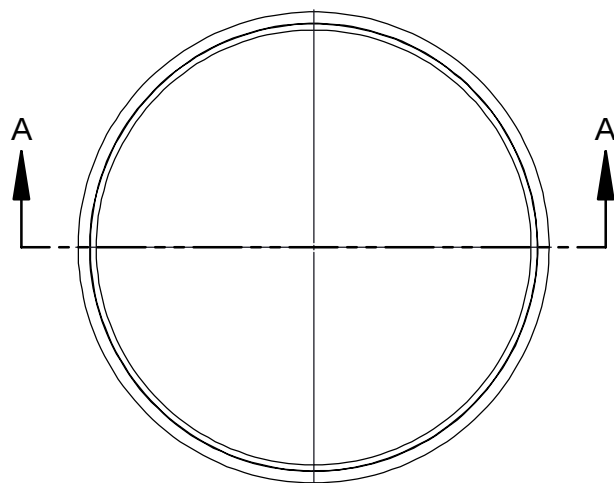
REFERENCE DETAIL
INTERNALS ALUMINUM CS-3
CASCADE SEPARATOR



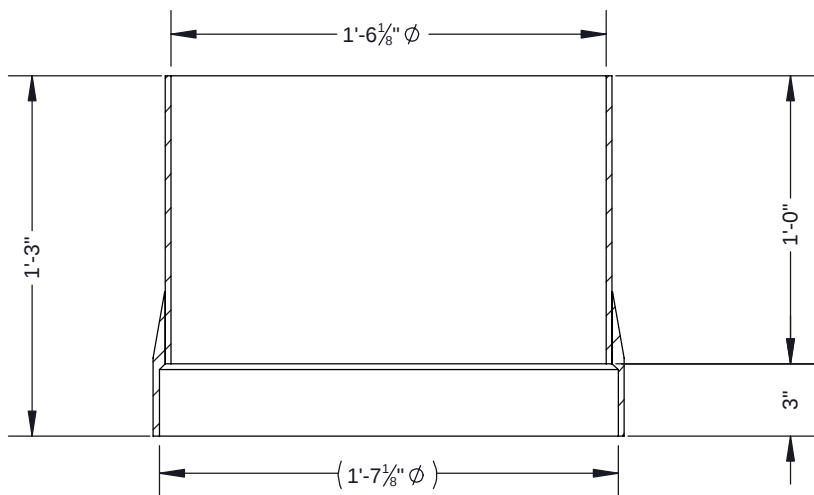
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

TOLERANCES:
FRACTIONAL $\pm 1/16$
ANGLES ± 1 DEGREE
TWO PLACE DECIMAL ± 0.06
THREE PLACE DECIMAL ± 0.030

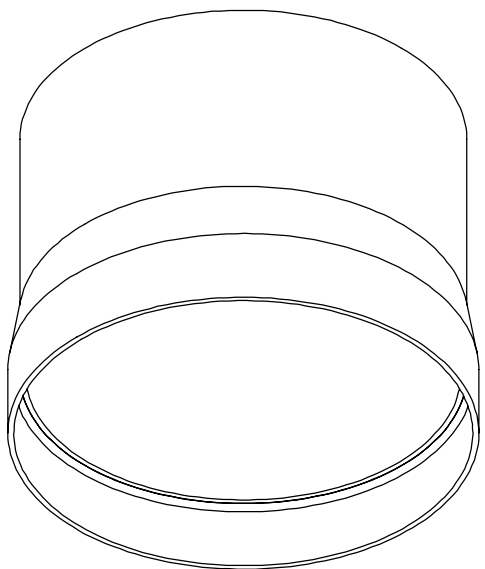
PART NUMBER: 325-004190		
APPROVED BY: M. BROOKS	DRAWN BY: J. BELL	
APPROVED BY DATE: 2021.10.21	DRAWN BY DATE: 2021.09.16	REV: A
SCALE: N/A	SHEET 1 OF 1	



PLAN VIEW



SECTION A-A



ISOMETRIC VIEW

- NOTES:
1. SEE SITE SPECIFIC DRAWINGS FOR REQUIRED CYLINDER EXTENSION HEIGHT
 2. SEE CYLINDER EXTENSION INSTALLATION GUIDE FOR ADDITIONAL INFORMATION

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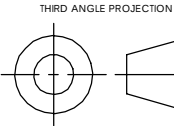
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REFERENCE DETAIL
1 FT CYLINDER EXTENSION CS-3
CASCADE SEPARATOR



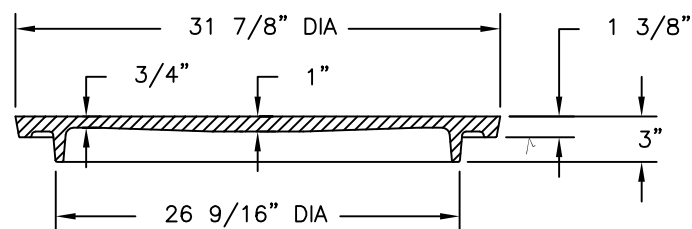
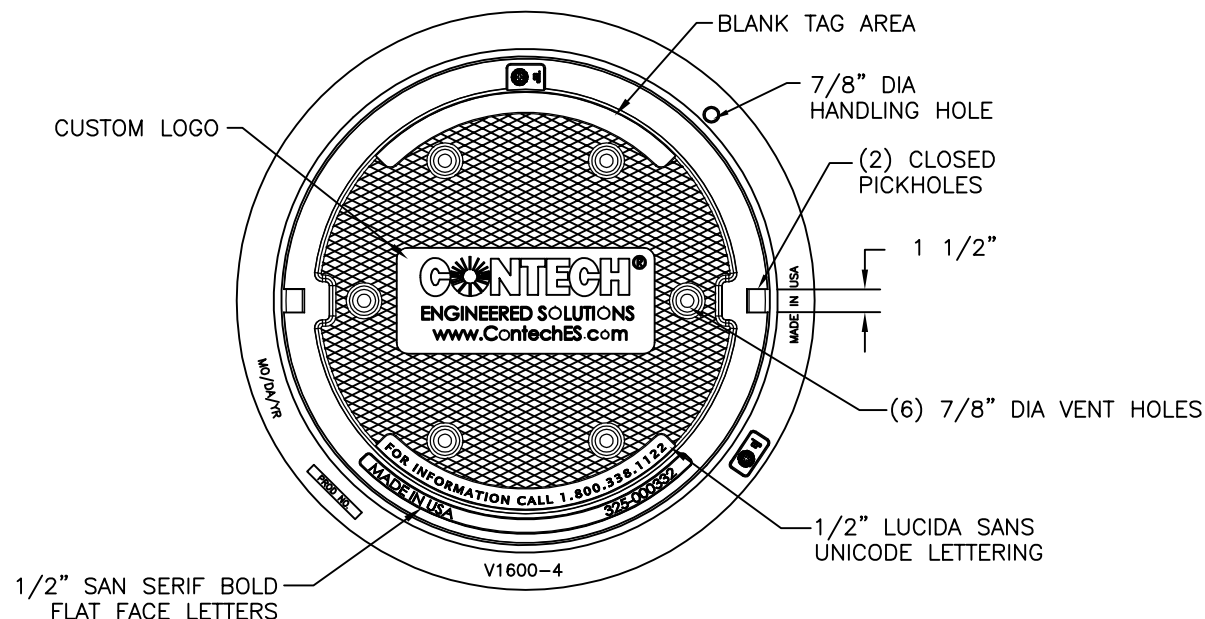
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES

TOLERANCES:
FRACTIONAL ± 1/16
ANGLES ± 1 DEGREE
TWO PLACE DECIMAL ± 0.06
THREE PLACE DECIMAL ± 0.030

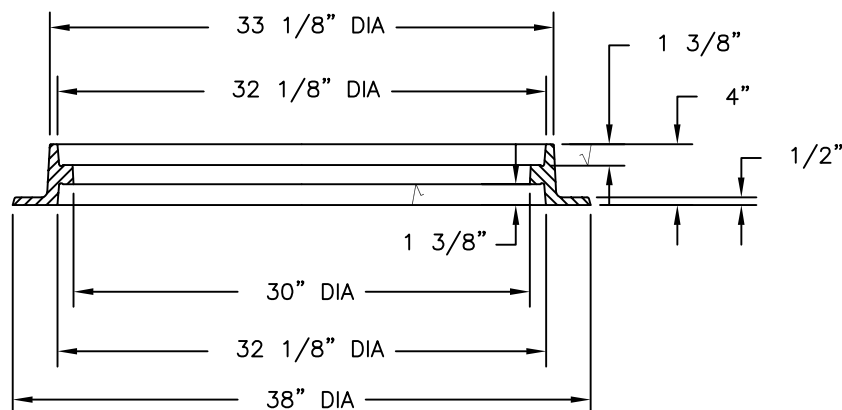
PART NUMBER: 325-004134		
APPROVED BY: M. BROOKS	DRAWN BY: J. BELL	
APPROVED BY DATE: 2022.02.14	DRAWN BY DATE: 2022.02.10	REV: A
SCALE: N/A	SHEET 1 OF 1	

26-3091 907597 Ives Field Rec Enhance

1810B4 V1600-4 Assembly



COVER SECTION



FRAME SECTION

Product Number

41600483

Design Features

- Materials
 - Cover
 - Gray Iron (CL35B)
 - Frame
 - Gray Iron (CL35B)

- Design Load
 - Heavy Duty
- Open Area
 - n/a
- Coating
 - Undipped
- √ Designates Machined Surface

Certification

- ASTM A48
- Country of Origin: USA

Major Components

00180783
41600410

Drawing Revision

05/09/2007 Designer: SMH
6/26/2017 Revised By: DAE

Disclaimer

Weights (lbs./kg) dimensions (inches/mm) and drawings provided for your guidance. We reserve the right to modify specifications without prior notice.

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